

Intel® Ultra ATA Storage Driver v6.10.006 Beta Candidate 2.0 Release Notes

February 21, 2001

Microsoft* Windows* 98
Microsoft* Windows* 98 Second Edition
Microsoft* Windows* Millennium Edition
Microsoft* Windows* NT* 4.0
Microsoft* Windows* 2000

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Notice: The Intel® Ultra ATA Storage driver Software may contain design defects or errors described as "known issues" which may cause the product to deviate from expected performance. Current characterized known issues are documented in this update.

Revision History

Date	Driver Revision	Operating Systems	Draft/Changes
February 21, 2001	v6.10.006 Beta Candidate 2.0	Microsoft* Windows* 98 Windows 98 Second Edition (SE) Windows Millennium Edition (Me) Windows NT* 4.0 Windows 2000	Resolved issues since v6.10.003 Beta Candidate 1.0
February, 5 2001	v6.10.003 Beta Candidate 1.0	Microsoft* Windows* 98 Windows 98 Second Edition (SE) Windows Millennium Edition (Me) Windows NT* 4.0 Windows 2000	Resolved issues since Production Version 6.03.008

Features Added

Release Name	Title/Issues	Operating Systems
v6.10.006 Beta Candidate 2.0	N/A	N/A
v6.10.003 Beta Candidate 1.0	N/A	N/A

Issues Resolved

Release Name	Title/Issues	Operating Systems
v6.10.006 Beta Candidate 2.0	Removed Advanced Settings Tab from Device Manager.	Windows 2000
v6.10.006 Beta Candidate 2.0	Bug check occurs during boot with Plextor* software installed on system with no drives attached to IDE channel.	Windows 2000
v6.10.006 Beta Candidate 2.0	Upgrading v6.03 to Beta v6.10 results in blue screen stop error.	Windows 2000
v6.10.006 Beta Candidate 2.0	Resume from Standby mode results in "Inaccessible Boot Device" blue screen error with some device configurations.	Windows 2000
v6.10.006 Beta Candidate 2.0	"Inaccessible Boot Device" blue screen error occurs if UDMA3 or UDMA4 are selected in Intel® Ultra ATA Companion for devices using 40-pin 40-conductor cable.	Windows 98 Windows 98 Second Edition Windows Millennium Edition Windows NT 4.0 Windows 2000
v6.10.006 Beta Candidate 2.0	Windows 2000 does not resume from S4 Hibernation mode.	Windows 2000
v6.10.006 Beta Candidate 2.0	Unable to restore data from tape backup.	Windows 2000
v6.10.006 Beta Candidate 2.0	CloneCD* software fails to record successfully.	Windows 2000
v6.10.006 Beta Candidate 2.0	Windows 2000 Colnstaller is not updated.	Windows 2000
v6.10.006 Beta Candidate 2.0	System hangs after return from S3 Standby mode.	Windows 2000
v6.10.006 Beta Candidate 2.0	lomega* Zip* 250 devices jumpered as floppy drive A: appears as a removable device.	Windows 98 Windows 98 Second Edition Windows Millennium Edition
v6.10.006 Beta Candidate 2.0	Driver does not load when boot device is connected to Promise* IDE controller card with CD-ROM connected as master device on secondary IDE channel.	Windows 98 Windows 98 Second Edition Windows Millennium Edition
v6.10.006 Beta Candidate 2.0	DMA checkbox appears after installation of driver but should not be available.	Windows 98 Windows 98 Second Edition Windows Millennium Edition
v6.10.006 Beta Candidate 2.0	Ravisent* CineMaster* DVD video playing software requires DMA checkbox selection. DMA checkbox is not available after installation of Intel Ultra ATA Storage Driver.	Windows 98 Windows 98 Second Edition Windows Millennium Edition

v6.10.006 Beta Candidate 2.0	Cannot extract the Companion localized DLL's using the -a -a -p options during installation. Installer fails to extract Companion DLL's with -a option.	Windows 98 Windows 98 Second Edition Windows Millennium Edition Windows NT 4.0 Windows 2000
v6.10.006 Beta Candidate 2.0	Intel Ultra ATA Companion utility displays UDMA5 mode with ATA100 hard drive on a system using an Intel® 82801AA (ICH) I/O Controller Hub. The Intel® 82801AA (ICH) I/O Controller Hub supports maximum of UDMA4 mode.	Windows 98 Windows 98 Second Edition Windows Millennium Edition Windows NT 4.0 Windows 2000
v6.10.006 Beta Candidate 2.0	After changing device "mode limit" using Intel Ultra ATA Companion utility and selecting 'Exit' option, changes are not saved.	Windows 98 Windows 98 Second Edition Windows Millennium Edition Windows NT 4.0 Windows 2000
v6.10.003 Beta Candidate 1.0	Device Manager for Microsoft operating systems reports IDE devices as SCSI.	Windows 2000
v6.10.003 Beta Candidate 1.0	Systems with IDE RAID controllers result in "Inaccessible Boot Device" blue screen error.	Windows 2000 Windows NT 4.0
v6.10.003 Beta Candidate 1.0	Reinstalling Windows 2000 on top of itself with the Intel Ultra ATA Storage Driver installed results in "Inaccessible Boot Device" blue screen error.	Windows 2000
v6.10.003 Beta Candidate 1.0	ATAPI drives write in PIO mode but read in UDMA mode.	Windows 98 Windows 98 Second Edition Windows Millennium Edition Windows NT 4.0 Windows 2000
v6.10.003 Beta Candidate 1.0	System fails to resume from Standby mode.	Windows 98 Windows 98 Second Edition Windows Millennium Edition Windows NT 4.0 Windows 2000
v6.10.003 Beta Candidate 1.0	When booting from SCSI hard drives, devices attached to the secondary controller are not available.	Windows 2000
v6.10.003 Beta Candidate 1.0	Iomega* Zip* 250 devices operate in PIO mode.	Windows 98 Windows 98 Second Edition Windows Millennium Edition Windows NT 4.0 Windows 2000
v6.10.003 Beta Candidate 1.0	Event Viewer displays time-out error in system event log.	Windows NT 4.0 with SP5
v6.10.003 Beta Candidate 1.0	Incompatibility issues with Plextor* Manager 2000	Windows 2000
v6.10.003 Beta Candidate 1.0	User's without Administrative Rights are able to remove Intel Ultra ATA Storage Driver if driver is installed using "have-disk" method.	Windows 2000

Driver Components Contained in this Release

Release Name	Component	Filename	Version
v6.10.006 Beta Candidate 2.0	Windows* 2000 Driver	IntelATA.SYS	v7.00.2000
v6.10.006 Beta Candidate 2.0	Windows* 98/SE/Millennium Edition Driver	IntelATA.MPD	v5.02.2000
v6.10.006 Beta Candidate 2.0	Windows* 98/SE/Millennium Edition SMART VSD Driver	IntelVSD.VXD	v5.02.2000
v6.10.006 Beta Candidate 2.0	Windows* NT* 4.0 Driver	IntelATA.SYS	v4.02.2000
v6.10.006 Beta Candidate 2.0	Intel® Companion Application	IntelATA.EXE	v3.01.2000